

REV	DATE	BY	DESCRIPTION
1	01-27-06 PBM		Record Drawing

SCALE	NONE
WARNING	IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED BY	R. ABORDO
DRAWN	L. PHELPS
CHECKED	R. ABORDO

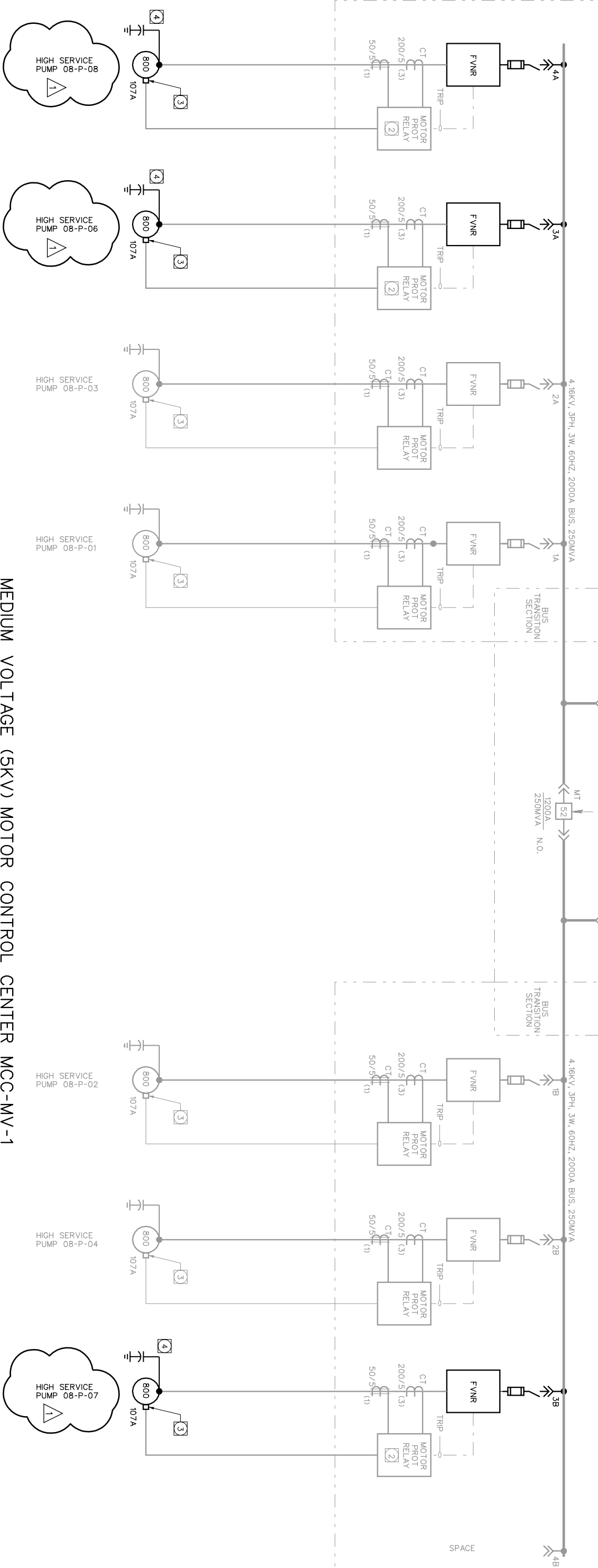
SUBMITTED BY	
(RECOMMENDED)	
LICENSE NO.	
DATE	

5100 Westheimer, Suite 580 Houston, TX 77056
<b>MWH</b> MONTGOMERY WATSON HARZA

Houston Area Water Corporation
NORTHEAST WATER PURIFICATION SYSTEM PHASE 2 EXPANSION HIGH SERVICE PUMP STATION MOTOR CONTROL CENTER DIAGRAM MCC-MV-1

SHEET	GE-9
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MEDIUM VOLTAGE (5KV) MOTOR CONTROL CENTER MCC-MV-1  
(LOCATED ADJACENT TO THE HIGH SERVICE PUMP STATION)



- NOTES:
- 1 CUTLER-HAMMER PROTECTION RELAY
  - 2 CUTLER-HAMMER MOTOR PROTECTION RELAY TO MATCH EXISTING
  - 3 MOTOR AND PUMP PROTECTION: WINDING AND BEARING RTDs.
  - 4 ALL MOTORS TO BE PROVIDED WITH ANTENNA 250 KVAR POWER FACTOR CORRECTION CAPACITORS TO MATCH EXISTING
  - 5 ROUTE 120V POWER FOR SURGE TANK LCP 08-LCP-203 FROM PANEL 08-STDBY-LP01.

